Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040133.D
Acq On : 26 Mar 2019 1:32
Operator : JU/SJ
Sample : K2059-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Time: Mar 27 13:58:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32889	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146593	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	108509	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	275982	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	278099	20.00	ng	-0.03
87) Perylene-d12	25.15	264	280876	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	116453	60.41	ng	-0.02
7) Phenol-d6	7.29	99	111118	38.66	ng	-0.02
23) Nitrobenzene-d5	9.31	82	237150	87.49	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	170430	134.75	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	608206	79.81	ng	-0.03
79) Terphenyl-d14	20.11	244	1058627	83.82	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.31	94	20994	6.742	ng	95
50) Dimethylphthalate	14.21	163	47733	5.261	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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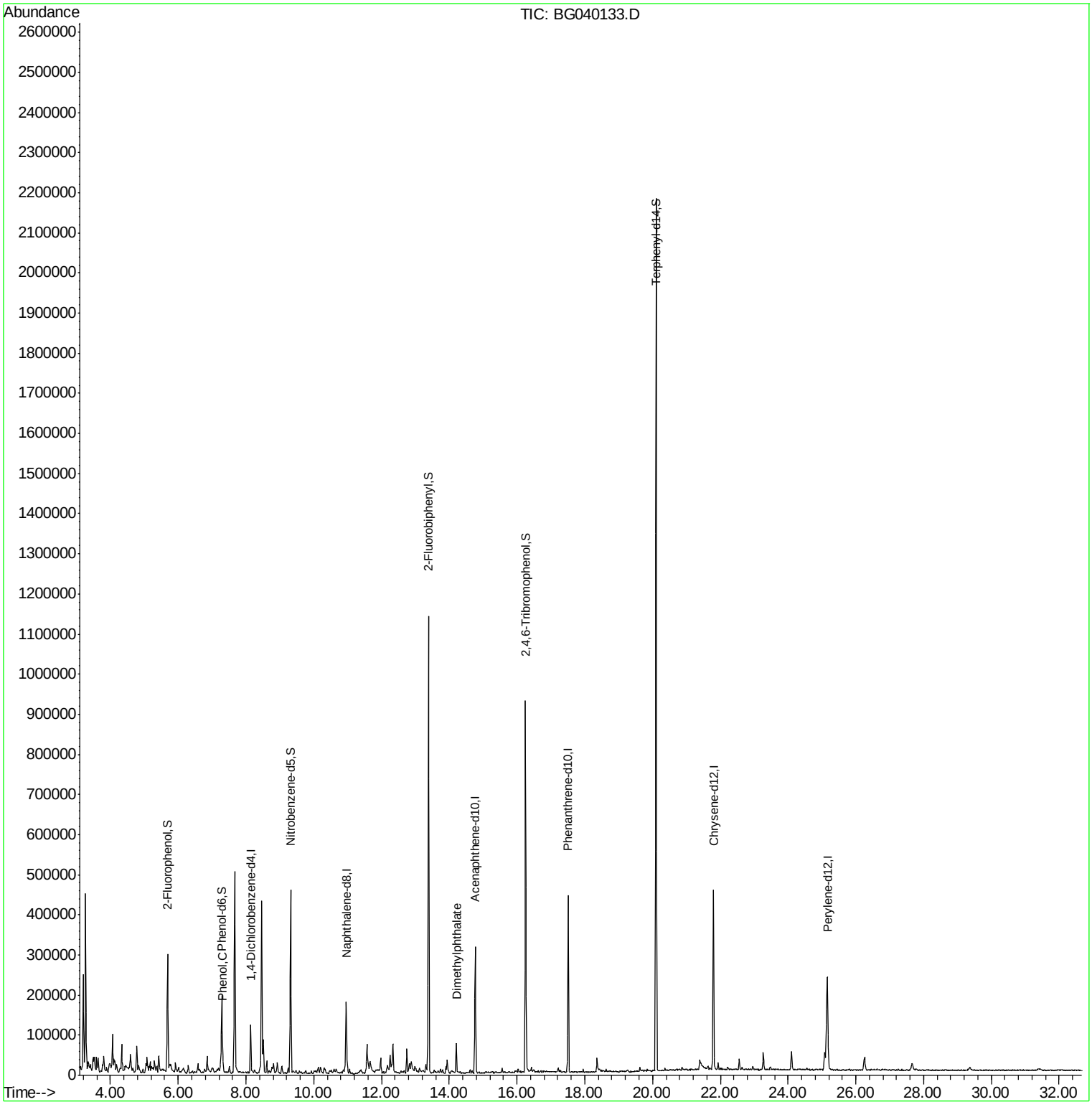
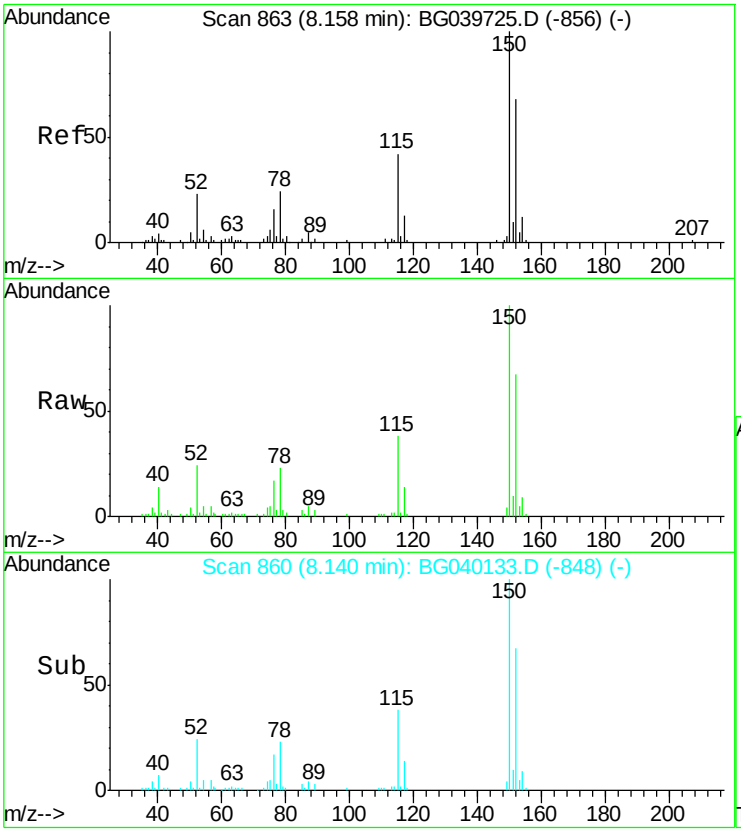


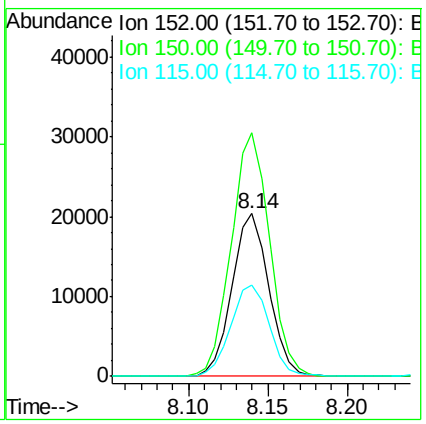


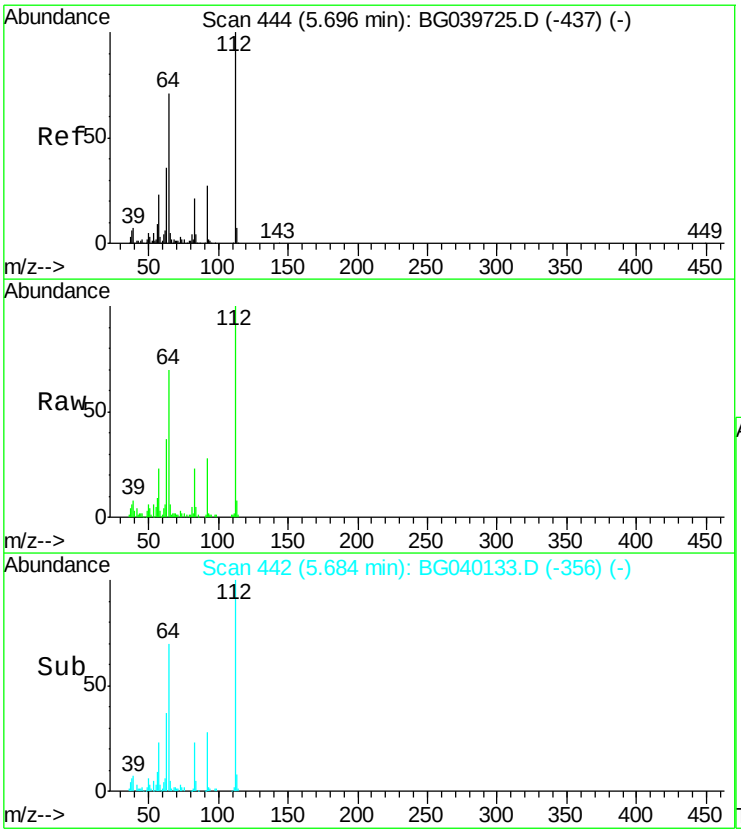
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 32889

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.7	185.5
115	56.4	45.9	68.9

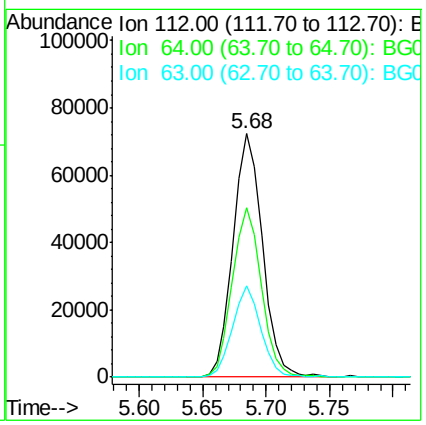


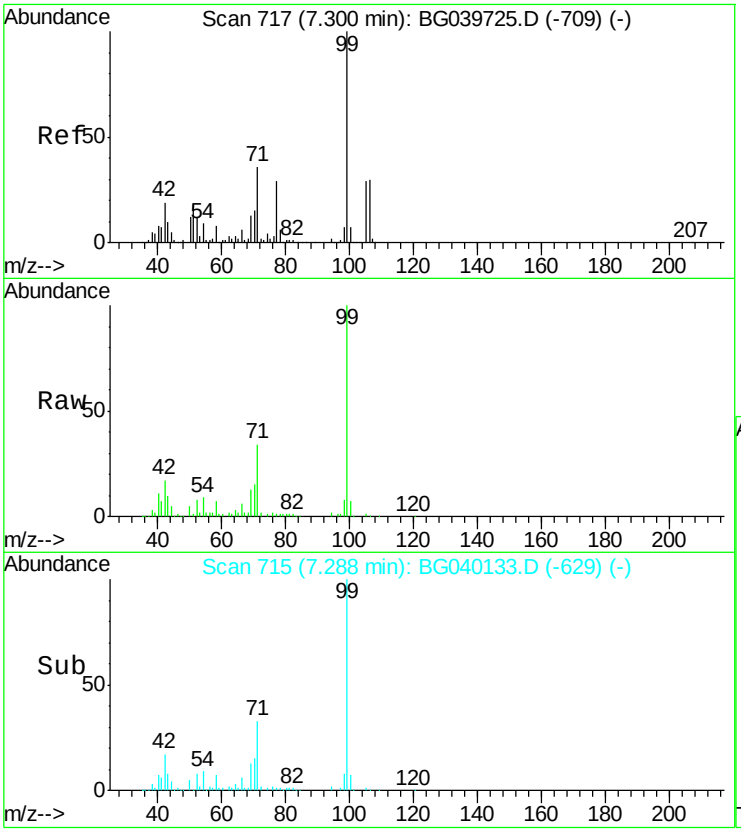


#5
2-Fluorophenol
Concen: 60.406 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:112 Resp: 116453

Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	37.3	29.8	44.6



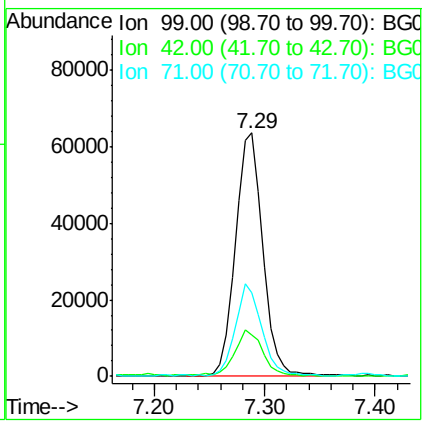


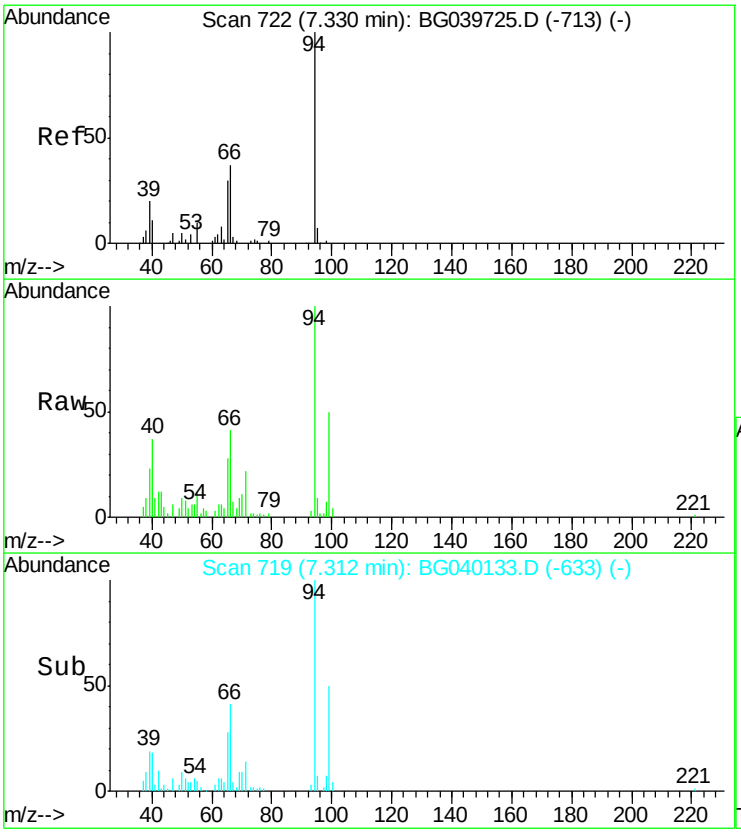
#7
Phenol-d6
Concen: 38.656 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 111118

Ion	Ratio	Lower	Upper
99	100		
42	17.2	18.2	27.2#
71	34.1	28.0	42.0

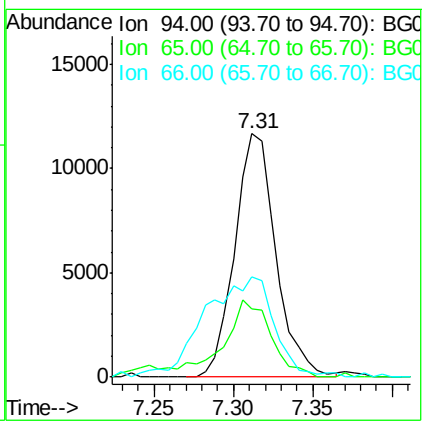


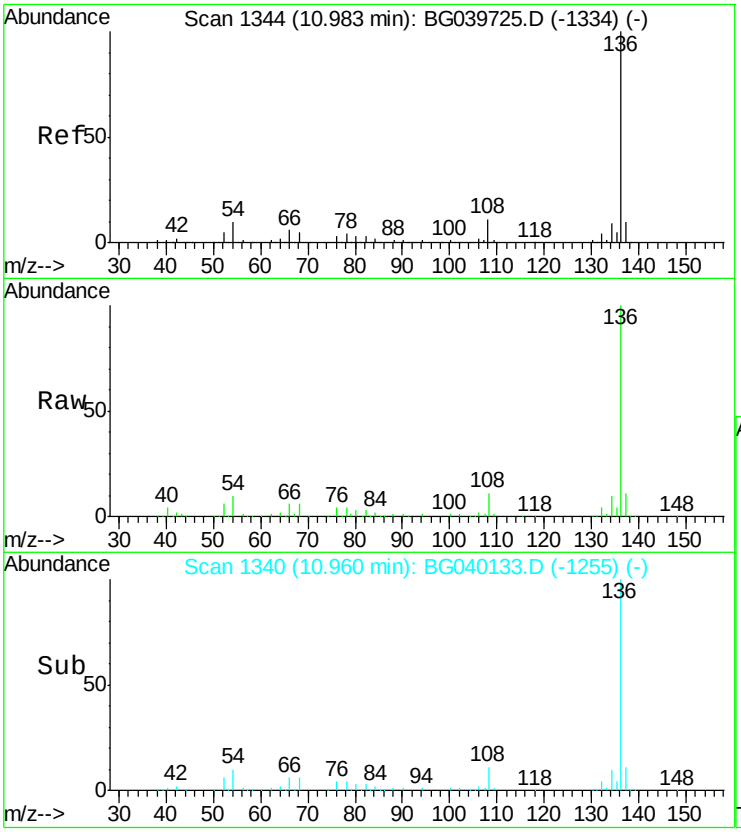


#10
Phenol
Concen: 6.742 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion: 94 Resp: 20994

Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.7	51.7
66	40.9	23.7	63.7



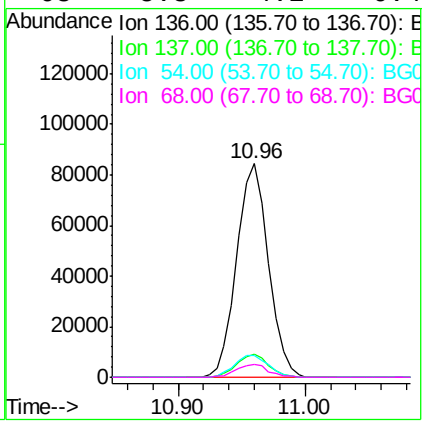


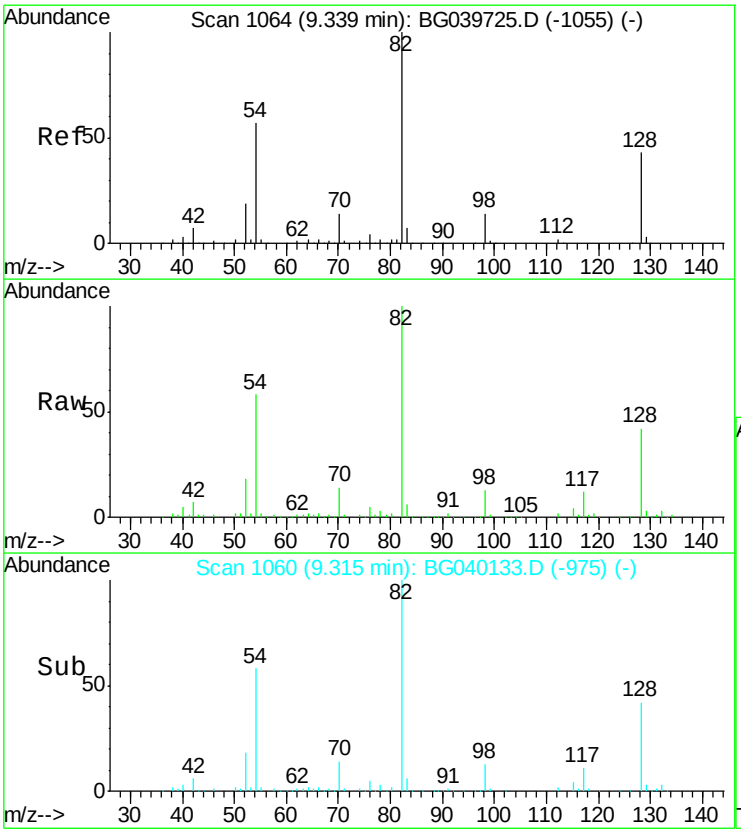
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 146593

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.4	9.4	14.2
68	5.8	4.2	6.4

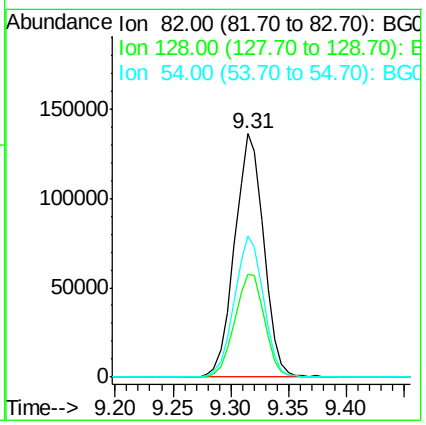


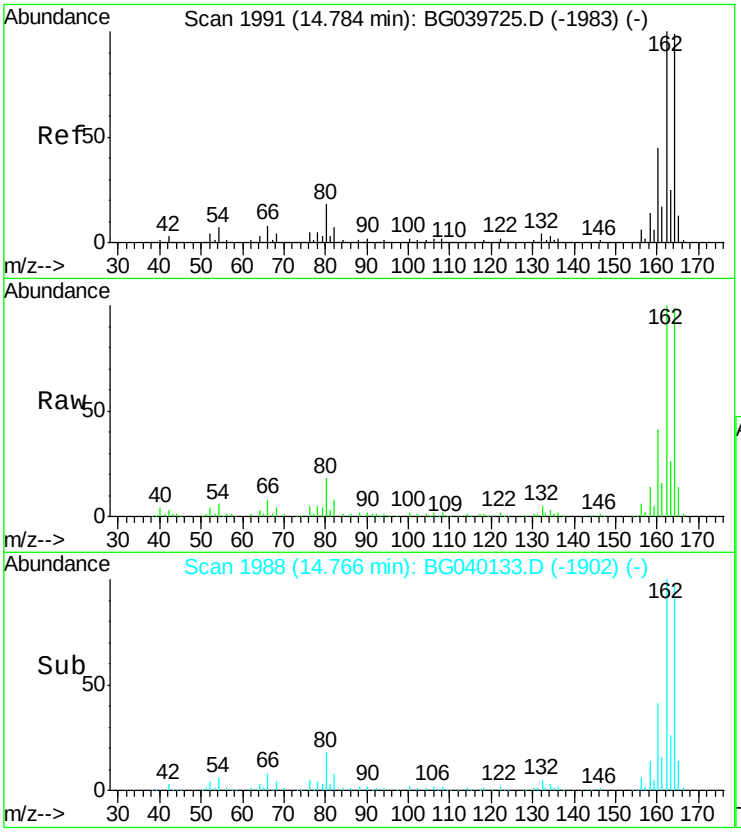


#23
Nitrobenzene-d5
Concen: 87.494 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion: 82 Resp: 237150

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.2	50.9	76.3



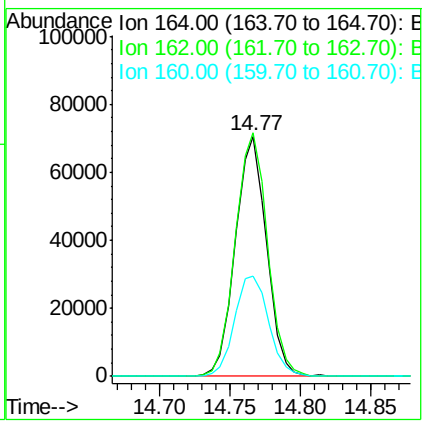


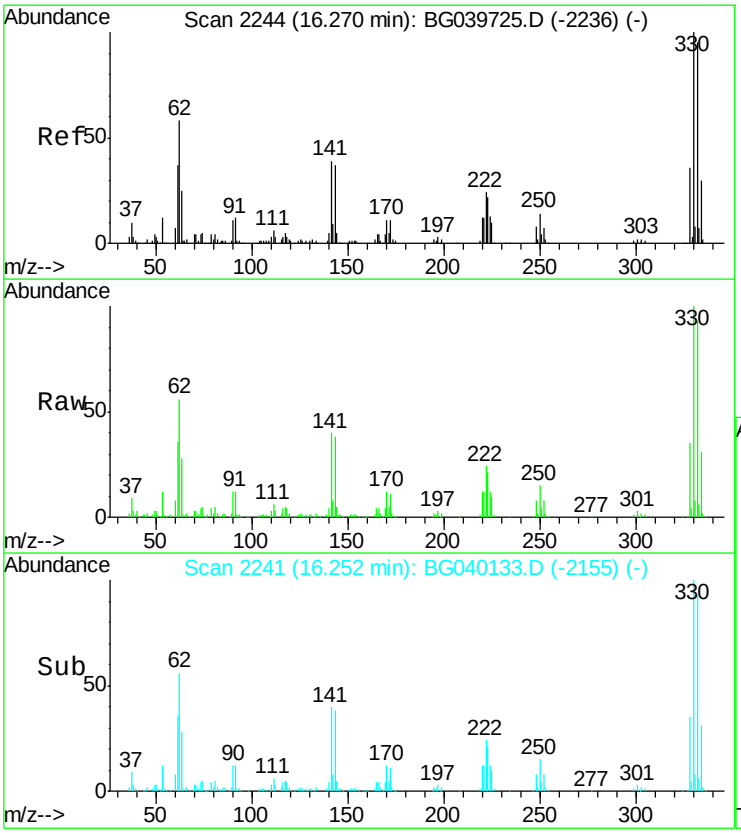
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 108509

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	41.9	34.2	51.2

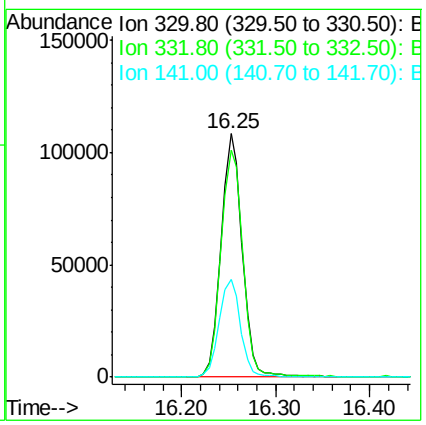


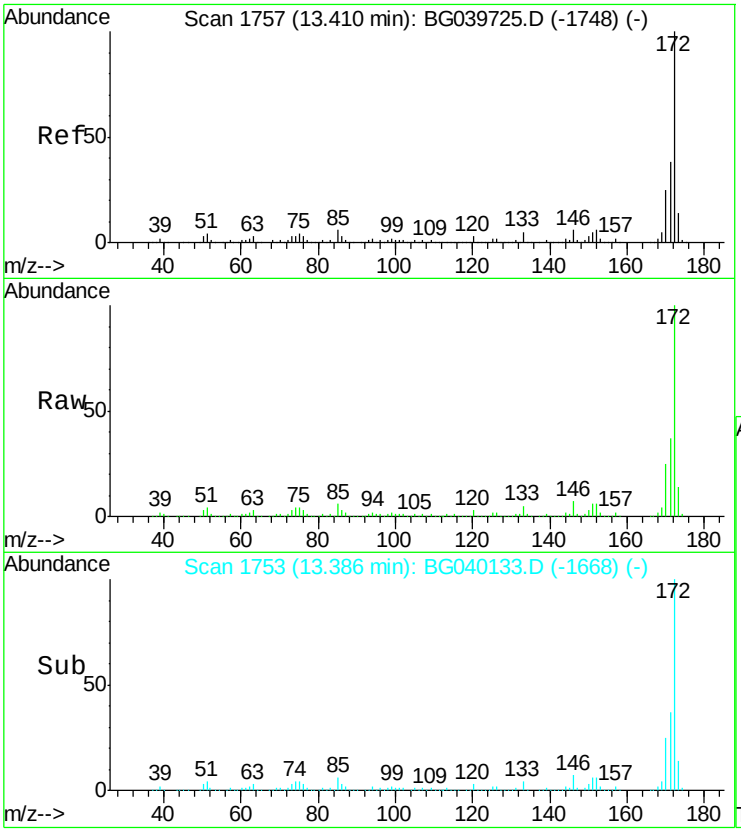


#42
2,4,6-Tribromophenol
Concen: 134.754 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:330 Resp: 170430

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	40.9	35.6	53.4



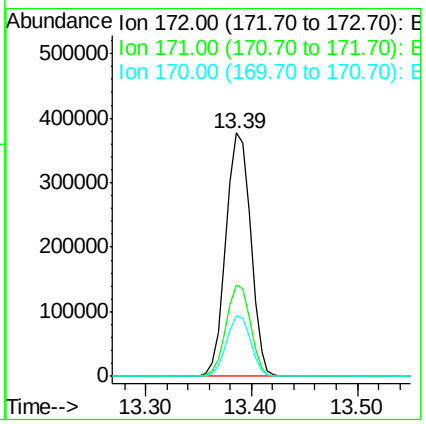


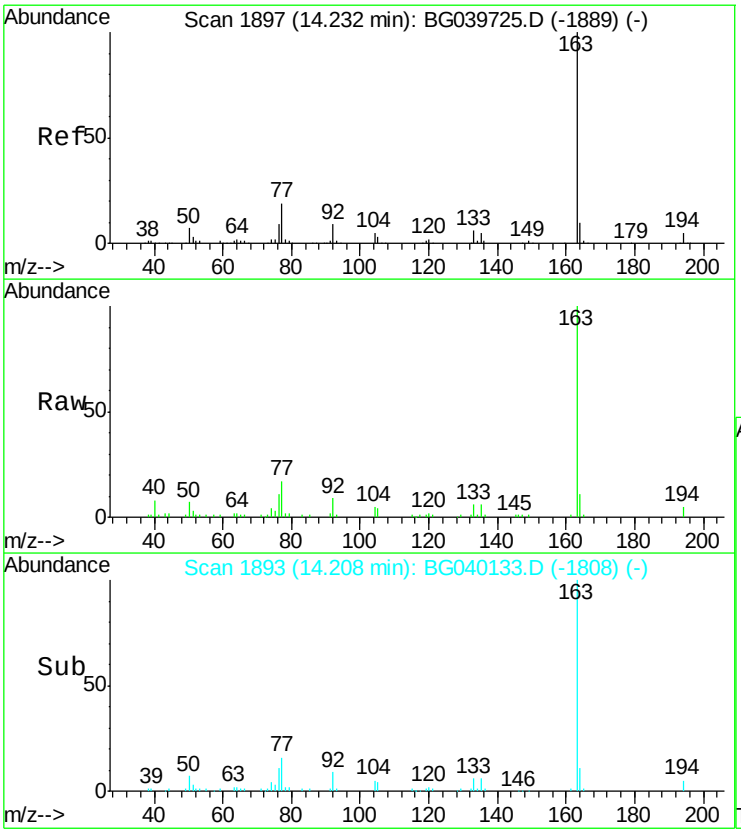
#45
2-Fluorobiphenyl
Concen: 79.807 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 608206

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	24.8	20.2	30.4

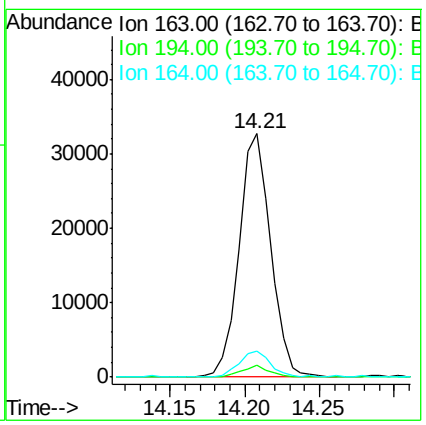


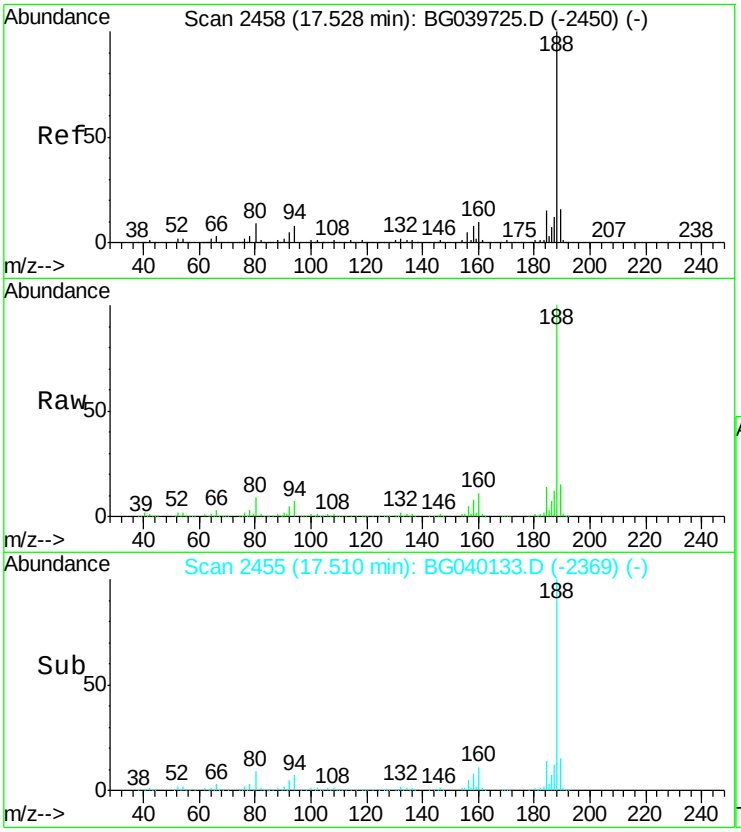


#50
Dimethylphthalate
Concen: 5.261 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:163 Resp: 47733

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	10.9	8.4	12.6



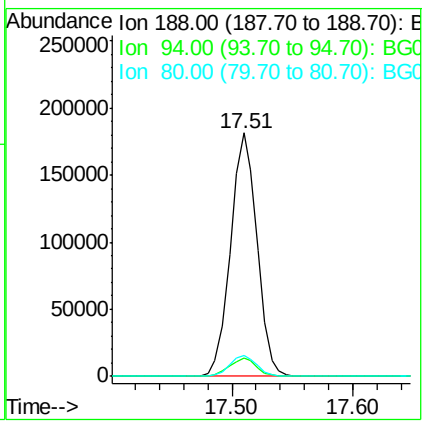


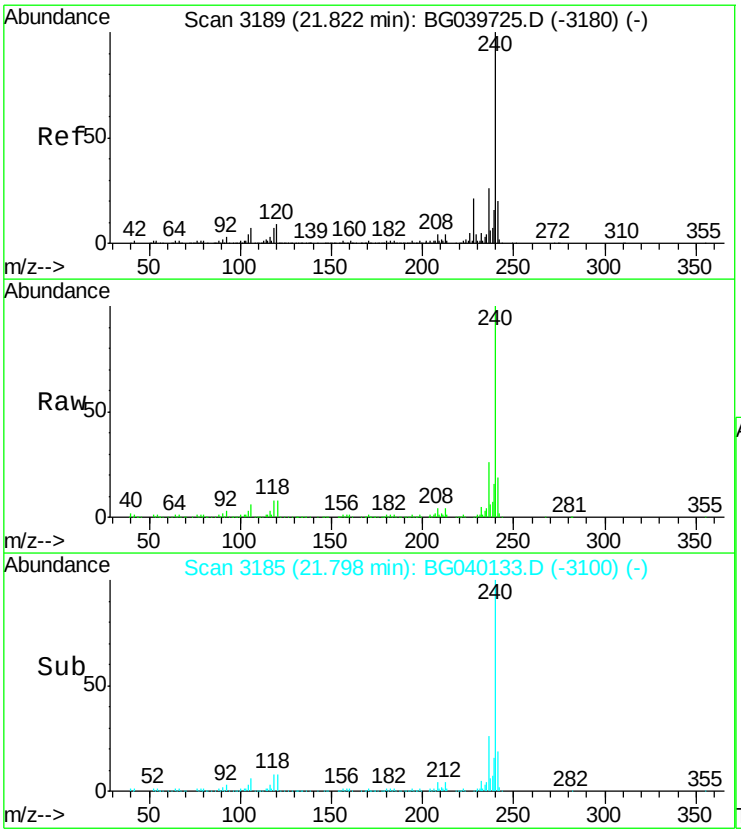
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 275982

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.8	8.1	12.1

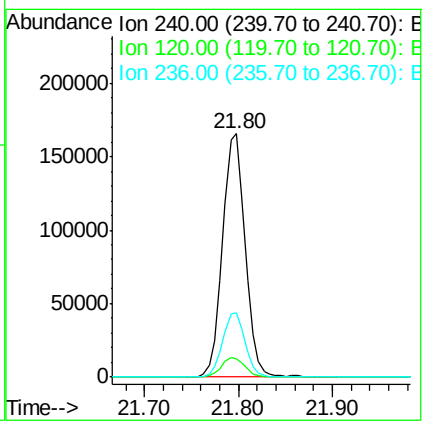


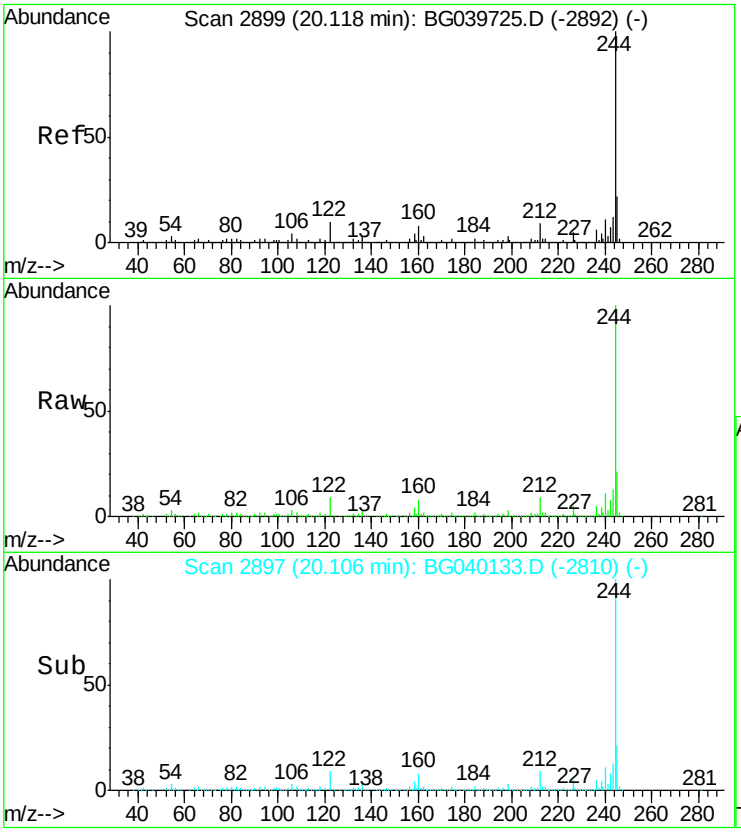


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:240 Resp: 278099

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.0	10.6
236	26.2	21.0	31.4



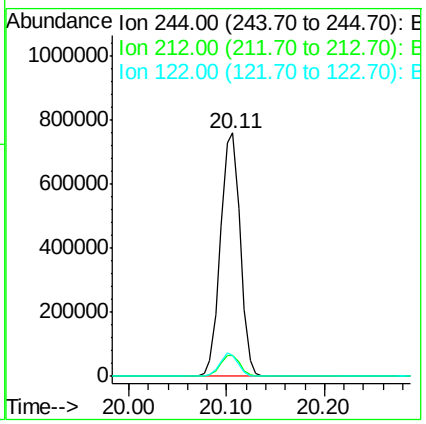


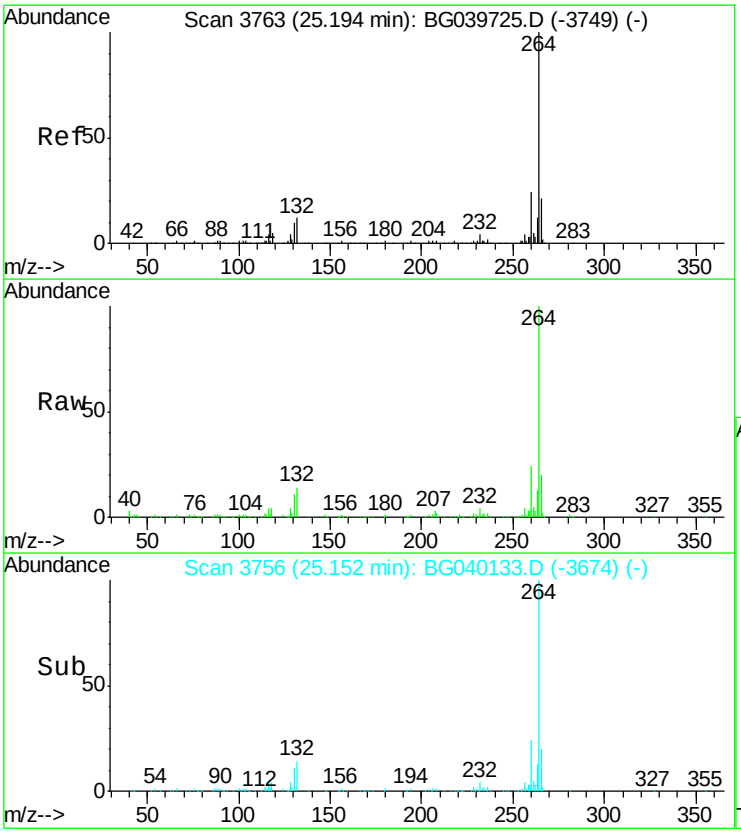
#79
Terphenyl-d14
Concen: 83.815 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 1058627

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	8.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:264 Resp: 280876

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	20.5	18.5	27.7